RKN Series — Residual Current Circuit Breaker (RCCB)

Residual Current Circuit Breakers

DIN rail mounting

CE Certificate



RKN 1P+N



RKN 3P+N

RKN type

Technical data

Standard		Confirming to IEC/EN 61008-1
Protection		Ground fault
Rated current [In]		25. 32, 40, 63A
Number of poles		1P+N, 3P+N
Rated sensitivity currents, I△n		30, 100, 300mA
Rated residual non-operating current		0.5×I△n
Rated voltage [Ue]	1P+N	240VAC
	3P+N	240/415VAC
Residual current off-time at I△n		≤ 0.1s
Rated insulation voltage [Ui]		500V
Rated impulse withstand voltage [Uimp]		4kV
Rated making capacity, Im		500A for In=25, 32, 40A 630A for In=63A
Rated conditional short-circuit current, Inc		6kA for In=25, 32, 40, 63A
Type of trip		Electro-magnetic
Type of terminal		Lug type
Terminal capacity		Cables up to 35mm²
Installation		35mm DIN rail
Type of operation		A/AC
Slot size		45mm

Order No.

Pole	In	I△n	Model	Order No.	Pack. unit (Pcs.)
1P+N	25A	30mA	RKN 1P+N 25A 30mA	06220103R0	60
	32A		RKN 1P+N 32A 30mA	06220106R0	60
	40A		RKN 1P+N 40A 30mA	06220109R0	60
	63A		RKN 1P+N 63A 30mA	06220112R0	60
	25A	100mA	RKN 1P+N 25A 100mA	06220104R0	60
	32A		RKN 1P+N 32A 100mA	06220107R0	60
	40A		RKN 1P+N 40A 100mA	06220110R0	60
	63A		RKN 1P+N 63A 100mA	06220113R0	60
	25A	300mA	RKN 1P+N 25A 300mA	06220105R0	60
	32A		RKN 1P+N 32A 300mA	06220108R0	60
	40A		RKN 1P+N 40A 300mA	06220111R0	60
	63A		RKN 1P+N 63A 300mA	06220114R0	60

Pole	In	I△n	Model	Order No.	Pack. unit (Pcs.)
3P+N	25A	30mA	RKN 3P+N 25A 30mA	06240013R0	30
	32A		RKN 3P+N 32A 30mA	06240016R0	30
	40A		RKN 3P+N 40A 30mA	06240019R0	30
	63A		RKN 3P+N 63A 30mA	06240022R0	30
	25A	100mA	RKN 3P+N 25A 100mA	06240014R0	30
	32A		RKN 3P+N 32A 100mA	06240017R0	30
	40A		RKN 3P+N 40A 100mA	06240020R0	30
	63A		RKN 3P+N 63A 100mA	06240023R0	30
	25A	300mA	RKN 3P+N 25A 300mA	06240015R0	30
	32A		RKN 3P+N 32A 300mA	06240018R0	30
	40A		RKN 3P+N 40A 300mA	06240021R0	30
	63A		RKN 3P+N 63A 300mA	06240024R0	30

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